



Project No.	CMSIPA024.06	Soil Boring ID	SB-1
Site Location	3050 Hempland Ave. Lancaster	Date Started	2/27/2007
Client	CMS Companies	Date Completed	2/27/2007

Drilling Company	Eichelbergers Inc.	Soil Sampling Method	Plastic Sampling Sleeve	Well Screen/Riser Type	PVC
Drilling Method	Geoprobe	Groundwater Sampling Method	Peristaltic Pump	Well Diameter	1 Inch
Logged By	JCS	Estimated Groundwater Elevation	10.2 Feet	Temporary/Stick-Up/Flush Mount	Temporary Stick-Up

Depth (feet)	Sample ID	Blow Counts	Recovery	USCS	Soil Description	PID (ppmv)	Well Log Construction
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0	0-4'		2.0'		0-2' Grayish brown SILTY CLAY. Dense, Slightly moist,	0.5	Temporary Well Installed at 13 Feet Below Ground Surface with 5 foot screen
5	4-8'		3.9'		0-2.6' Orange brown SILTY CLAY, Little fine sand. Dense, Slightly moist, 2.6'-3.9' Dark Orange brown CLAY, Some silt, Little angular cobbles. Dense, Dry, Poorly sorted.	0.8	
10	8-12'		3.6'		0-1.5' Dark orange brown CLAY, Some silt, Little angular cobbles. Moderately dense, Wet, Poorly sorted. 1.5-3.6' Moderate orange brown CLAY, Some silt. Dense, Dry, Well sorted.		
					REFUSAL AT 13.4 FEET BELOW SURFACE		
20							



Project No.	CMSIPA024.06	Soil Boring ID	SB-2
Site Location	3050 Hempland Ave. Lancaster	Date Started	2/27/2007
Client	CMS Companies	Date Completed	2/27/2007

Drilling Company	Eichelbergers Inc.	Soil Sampling Method	Plastic Sampling Sleeve	Well Screen/Riser Type	PVC
Drilling Method	Geoprobe	Groundwater Sampling Method	Peristaltic Pump	Well Diameter	1 Inch
Logged By	JCS	Estimated Groundwater Elevation	12 Feet	Temporary/Stick-Up/Flush Mount	Temporary Stick-up

Depth (feet)	Sample ID	Blow Counts	Recovery	USCS	Soil Description	PID Reading	Well Log Construction
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0	0-4'		2.5'		0-2.5' Light yellow brown SILTY CLAY, Little angular cobbles. Dense, Dry, Moderately sorted.	0.0	Temporary Wells Instaled at 14.5 Feet Below Ground Suface With 5 Foot Screen.
5	4-8'		3.8'		0-1' Light brown CLAYEY COARSE SAND AND GRAVEL. Dense, Wet, Poorly sorted. 1-2.8' Light yellow brown CLAY, Some silt, Little angular cobbles. Moderately dense, Dry, Moderately sorted. 2.8-3.8' Moderate orange brown SILTY CLAY Dense, Dry, Well sorted.	0.0	
10	8-12'		3.7'		0-1' Light brown CLAY, Some angular cobbles. Loose, Wet, Moderately sorted. 1-3.7' Dark orange CLAYEY SILT, Some fine sand. Dense, Dry, Well sorted.	0.0	
15	12-16'		1.5		0-0.5' Light orange brown SILT, Some clay, Little coarse sand. Very loose, Very wet, Well sorted where sandy. 0.5-1.5' Dark orange brown CLAY, Some silt, Little fine sand. Dense, Moist, Well sorted.		
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Project No.	CMSIPA024.06	Soil Boring ID	SB-3
Site Location	3050 Hempland Ave. Lancaster	Date Started	2/27/2007
Client	CMS Companies	Date Completed	2/27/2007

Drilling Company	Eichelbergers Inc.	Soil Sampling Method	Plastic Sampling Sleeve	Well Screen/Riser Type	PVC
Drilling Method	Geoprobe	Groundwater Sampling Method	Peristaltic Pump	Well Diameter	1 Inch
Logged By	JCS	Estimated Groundwater Elevation	12.5 Feet	Temporary/Stick-Up/Flush Mount	Temporary Stick-up

Depth (feet)	Sample ID	Blow Counts	Recovery	USCS	Soil Description	PID Reading	Well Log Construction
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0	0-4'		2.5'		0-2.5' Moderate yellow brown CLAY, Some silt, Trace cobbles. Dense, Dry.	0.0	Temporary Well Installed at 20 feet below ground surface with 5 foot screen.
5	4-8'		3.8'		0-3.8' Moderate yellow brown CLAY & SILT, Little gravel. Dense, Dry, Poorly sorted.	3.8	
10	8-12'		3.8'		0-3.8' Moderate yellow brown CLAY, Some silt, Little coarse sand and gravel. Dense, Dry, Well sorted.	0.0	
15	12-16'		3.0'		0-3' Moderate yellow brown CLAY, Some silt, Trace cobbles. Dense, Dry, Well sorted.	4.5	
20	16-20'		3.0'		0-1' Dark yellow brown CLAY, Some coarse sand and silt. Loose, Wet, Moderately sorted. 1-2' Moderate yellow brown Fine SAND, Some silt and Cobbles. Dense, Dry, Poorly sorted. 2-3' Pale yellow brown Fine SAND, Trace silt. Dense, Dry, Well sorted.		



Project No.	CMSIPA024.06	Soil Boring ID	SB-4
Site Location	3050 Hempland Ave. Lancaster	Date Started	2/27/2007
Client	CMS Companies	Date Completed	2/27/2007

Drilling Company	Eichelbergers Inc.	Soil Sampling Method	Plastic Sampling Sleeve	Well Screen/Riser Type	PVC
Drilling Method	Geoprobe	Groundwater Sampling Method	Peristaltic Pump	Well Diameter	1 Inch
Logged By	JCS	Estimated Groundwater Elevation	1 Foot	Temporary/Stick-Up/Flush Mount	Temporary Stick-up

Depth (feet)	Sample ID	Blow Counts	Recovery	USCS	Soil Description	PID Reading	Well Log Construction
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0	0-4'		1.0'		NO SOIL RECOVERY LARGE ANGULAR COBBLES		Temporary Wells Installed at 15 feet below ground surface with 5 foot screen. First 10 feet of boring large angular cobbles, very wet.
5	4-8'		1.0'		NO SOIL RECOVERY LARGE ANGULAR COBBLES		
10	8-12'		3.0'		0-0.8' Large angular COBBLES. Loose, Very wet, Well sorted. 0.8-3.0' Dark orange brown Fine SAND and SILT, Trace cobbles. Very Dense, Slightly moist, Well sorted.	0.0	
15	12-16'		2.4'		0-1' Moderate yellow brown COBBLY SILT and CLAY, Some coarse sand. Loose, Wet, Poorly sorted. 1-2.4' Dark orange brown CLAY, some silt, trace coarse sand. Dense, Dry, Well sorted.		
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Project No.	CMSIPA024.06	Soil Boring ID	SB-5
Site Location	3050 Hempland Ave. Lancaster	Date Started	2/27/2007
Client	CMS Companies	Date Completed	2/27/2007

Drilling Company	Eichelbergers Inc.	Soil Sampling Method	Plastic Sampling Sleeve	Well Screen/Riser Type	PVC
Drilling Method	Geoprobe	Groundwater Sampling Method	Peristaltic Pump	Well Diameter	1 Inch
Logged By	JCS	Estimated Groundwater Elevation	15.5 Feet	Temporary/Stick-Up/Flush Mount	Temporary Flush Mount

Depth (feet)	Sample ID	Blow Counts	Recovery	USCS	Soil Description	PID Reading	Well Log Construction
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0	0-4'		3.5'		0-1.8' Moderate brown SILTY SAND, Little clay. Dense, Dry, Well sorted. 1.8-3.5' Orange brown SILTY CLAY, Some fine sand. Dense, Dry, Well sorted.	0.0	Temporary Well Installed at 20 Feet Below Ground Surface with 5 foot screen
5	4-8'		3.8'		0-3.8' Dark orange brown CLAY, Some silt, Trace coarse sand. Very dense, Dry, Well sorted.	0.0	
10	8-12'		3.8'		0-3.8' Dark orange brown CLAY, Some silt, Very dense, Dry, Well sorted.	0.0	
15	12-16'		3.6'		0-3.6' Dark orange brown CLAY, Some silt, Very dense, Dry, Well sorted.	0.0	
20	16-20'		3.8'		0-2.2' Dark orange brown CLAY. Very dense Dry, Well sorted. 2.2-3.8' Dark brown COARSE SAND and GRAVEL, Some angular cobbles, Trace silt. Loose, Wet, Moderately sorted.	0.0	



Project No.	CMSIPA024.06	Soil Boring ID	SB-6
Site Location	3050 Hempland Ave. Lancaster	Date Started	2/27/2007
Client	CMS Companies	Date Completed	2/27/2007

Drilling Company	Eichelbergers Inc.	Soil Sampling Method	Plastic Sampling Sleeve	Well Screen/Riser Type	PVC
Drilling Method	Geoprobe	Groundwater Sampling Method	Peristaltic Pump	Well Diameter	1 Inch
Logged By	JCS	Estimated Groundwater Elevation	19 Feet	Temporary/Stick-Up/Flush Mount	Temporary Flush Mount

Depth (feet)	Sample ID	Blow Counts	Recovery	USCS	Soil Description	PID Reading	Well Log Construction
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0	0-4'		3.4'		0-2.4' Dark brown FINE SAND, Trace silt. Moderately Dense, Dry, Well sorted. 2.4-3.4' Moderate yellow brown SILT and FINE SAND. Dense, Dry, Well sorted.	0.0	Temporary Well Installed at 27 Feet Below Ground Surface With 10 Foot Screen.
5	4-8'		3.8'		0-3.2' Moderate orange brown SILT, Some fine sand, Trace cobbles. Very dense, Dry, Well sorted. 3.2-3.8' Moderate yellow brown CLAY, Some silt, Trace fine sand. Some black staining. Very Dense, Dry, Well sorted.	0.0	
10	8-12'		3.7'		0-3.7' Dark orange brown SILT, some clay, trace cobbles. Moderately dense, Dry Moderately well sorted.	0.0	
15	12-16'		3.8'		0-3.8' Rusty orange CLAY, Some silt, Trace gravel, minor black staining. Dense, Dry, Well sorted.	0.0	
20	16-20'		3.8'		0-3.8' Rusty orange CLAY, Some silt, Trace cobbles. Dense, Dry, Well sorted.	0.0	



Project No.	CMSIPA024.06	Soil Boring ID	SB-6
Site Location	3050 Hempland Ave. Lancaster	Date Started	2/27/2007
Client	CMS Companies	Date Completed	2/27/2007

Drilling Company	Eichelbergers Inc.	Soil Sampling Method	Plastic Sampling Sleeve	Well Screen/Riser Type	PVC
Drilling Method	Geoprobe	Groundwater Sampling Method	Peristaltic Pump	Well Diameter	1 Inch
Logged By	JCS	Estimated Groundwater Elevation	19 Feet	Temporary/Stick-Up/Flush Mount	Temporary Flush Mount

Depth (feet)	Sample ID	Blow Counts	Recovery	USCS	Soil Description	PID Reading	Well Log Construction
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20	20-24'		3.6'		0-3.6' Dark orange brown CLAY, Some silt, Trace coarse sand. Dense, Dry, Well sorted	0.0	Temporary Well Installed at 27 Feet Below Ground Surface With 10 Foot Screen.
25	24-28'		3.6'		0-3.6' Dark orange brown CLAY, Some silt, Trace gravel. Dense, Dry, Well sorted.	0.0	
30							
35							
40							



Project No.	CMSIPA024.07	Soil Boring ID	MW-7
Site Location	3050 Hempland Ave. Lancaster	Date Started	3/26/2007
Client	CMS Companies	Date Completed	3/26/2007

Drilling Company	B.L. Myers Brothers	Soil Sampling Method	SS Split-Spoons	Well Screen/Riser Type	PVC
Drilling Method	Hollow-Stem	Groundwater Sampling Method	Bailer	Well Diameter	2-inch
Logged By	PPM	Estimated Groundwater Elevation	12 feet	Temporary/Stick-Up/Flush Mount	Flush-mount

Depth (feet)	Sample ID	Blow Counts	Recovery	USCS	Soil Description	PID (ppmv)	Well Log Construction
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0	0-4'		2.0'		0-2' Grayish brown SILTY CLAY. Dense, Slightly moist,	0.5	Monitoring Well Installed at 13 Feet Below Ground Surface with 5 foot screen
5	4-8'		3.9'		0-2.6' Orange brown SILTY CLAY, Little fine sand. Dense, Slightly moist, 2.6'-3.9' Dark Orange brown CLAY, Some silt, Little angular cobbles. Dense, Dry, Poorly sorted.	0.8	
10	8-12'		3.6'		0-1.5' Dark orange brown CLAY, Some silt, Little angular cobbles. Moderately dense, Wet, Poorly sorted. 1.5-3.6' Moderate orange brown CLAY, Some silt. Dense, Dry, Well sorted.		
					REFUSAL AT 13.4 FEET BELOW SURFACE		
20							